

**WRITTEN ACTION OF THE INTERNATIONAL SEARCH OFFICE  
(SUPPLEMENTARY PAGE) Intern. File No. PCT/EP2004/053009**

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**Re Point V**

**Reasoned Statement regarding Novelty, Inventive Activity and Commercial  
Applicability; Documents and Explanations Supporting this Determination**

1. Reference is made to the following document:

D1: US-B1-6 233 651 (O'NEILL EUGENE ET AL) May 15, 2001 (2001-05-15)

2. The present application does not satisfy the requirements of Article 33(1) PCT since the subject matter of Claim 1 is not novel within the meaning of Article 33(2) PCT.

2.1 Document D1 discloses (the references in parentheses refer to this document) a device for controlling a memory ("FIFO memory device" Claim 1 line 57), in particular for data to be transported via a network bridge ("switch" Claim 2), having the following features:

- The memory is subdivided into a plurality of memory areas ("first FIFO memory area" and "second FIFO memory area" Claim 2, lines 58-59),
- The memory areas are designed to be configurable independently of one another ("defined between ... delimiter" lines 60-61),
- Means are provided both for preadjustment of the individual memory areas and for dynamic modification with respect to the size of the individual memory areas, during operation ("amount of memory ... determined beforehand ... alternatively, one can monitor the traffic" column 2, lines 1-8).

The subject matter of Claim 1 is therefore not novel.

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3. The dependent Claims 2-5 do not include any features that, in combination with the features of any other claim to which they refer, satisfy the PCT requirements with respect to inventive activity.

# PATENT COOPERATION TREATY

From the  
INTERNATIONAL SEARCHING AUTHORITY

# PCT

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

(PCT Rule 43bis.1)

To:  cf. form PCT/ISA/220		Date of mailing (day/month/year) cf form PCT/ISA/210 (p. 2)
Applicant's or agent's file reference cf. form PCT/ISA/220		<b>FOR FURTHER ACTION</b> See paragraph 2 below
International application No. PCT/DE2004/053009	International filing date (day/month/year) 11/19/2004	Priority date (day/month/year) 12/02/2003
International Patent Classification (IPC) or both national classification and IPC G06F13/40		
Applicant ROBERT BOSCH GMBH		

**1. This opinion contains indications relating to the following items:**

- ☒ Box No. I Basis of the opinion
- ☐ Box No. II Priority
- ☐ Box No. III Non-establishment of opinion with regard to novelty, inventive step and industrial applicability
- ☐ Box No. IV Lack of unity of invention
- ☒ Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement
- ☐ Box No. VI Certain documents cited
- ☐ Box No. VII Certain defects in the international application
- ☐ Box No. VIII Certain observations on the international application

**2. FURTHER ACTION**

If a demand for international preliminary examination is made, this opinion will be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notified the International Bureau under Rule 66.1bis(b) that written opinions of this International Searching Authority will not be so considered.

If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later.

For further options, see Form PCT/ISA/220.

**3. For further details, see notes to Form PCT/ISA/220.**

Name and mailing address of the ISA/  Facsimile No.	Authorized officer Braccini, G  Telephone No.
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WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.

PCT/DE2004/053009

Box No. 1 Basis of this opinion

1. With regard to the language, this opinion has been established on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.

☐ This opinion has been established on the basis of a translation from the original language into the following language \_\_\_\_\_, which is the language of a translation furnished for the purposes of international search (under Rules 12.3 and 23.1(b)).

2. With regard to any nucleotide and/or amino acid sequence disclosed in the international application and necessary to the claimed invention, this opinion has been established on the basis of:

a. type of material

- ☐ a sequence listing  
☐ table(s) related to the sequence listing

b. format of material

- ☐ in written format  
☐ in computer readable form

c. time of filing/furnishing

- ☐ contained in the international application as filed.  
☐ filed together with the international application in computer readable form.  
☐ furnished subsequently to this Authority for the purposes of search.

3. ☐ In addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto has been filed or furnished, the required statements that the information in the subsequent or additional copies is identical to that in the application as filed or does not go beyond the application as filed, as appropriate, were furnished.

4. Additional comments:

WRITTEN OPINION OF THE  
INTERNATIONAL SEARCHING AUTHORITY

International application No.  
PCT/DE2004/053009

Box No. V Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

1. Statement

Novelty (N)	Claims	2-5	YES
	Claims	1	NO
Inventive step (IS)	Claims		YES
	Claims	1-5	NO
Industrial applicability (IA)	Claims	1-5	YES
	Claims		NO

2. Citations and explanations:

cf. supplementary page